

**SPACERLESS OR GEOCOMPOSITE DOUBLE
BOTTOM FOR STORAGE TANK**

ABSTRACT OF THE DISCLOSURE

A spacerless double bottom apparatus for a storage tank having a metal bottom and upwardly extending metal sidewalls. The apparatus includes a first lining layer of flexible plastic on top of the metal bottom. A plastic grid having a plurality of openings therethrough is installed on top of the first lining layer. At least one layer of fiber insulation is installed and resides on top of the grid.

5 An upper metal bottom on top of the fiber insulation is welded to the sidewalls to form a fluid tight secondary containment compartment.